

View Online at <https://aerobasegroup.com/nsn/5990-00-138-2730>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.4600 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Shaft Diameter:

0.1200 inches rear shaft

Shaft Length:

0.5780 inches rear shaft

End Application:

Ea-6b, a6e and f-111 aircraft

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

32.00

Zso Resistance In Ohms:

7.00

Zrs Resistance In Ohms:

35.00

Zss Resistance In Ohms:

40.00

Rotor Dc Resistance In Ohms:

19.00

Stator Dc Resistance In Ohms:

5.75

Phase Shift Angle In Deg:

4.700 input to output

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0015 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.8350 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Front

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, flatted single shaft

Criticality Code Justification:

Feat

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Special Features:

Weapon system essential

Terminal Type And Quantity:

5 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800